

AMENDMENTS TO THE CLAIMS

The following is a complete listing of all claim presently in this application, including the new claims added by way of this Response and statements identifying the claims canceled by way of this Response

Claims 1-59 (Canceled)

60. (New) A surgical tool, said tool comprising:
a handpiece;

an accessory that extends forward from said handpiece that has a moveable head for accomplishing a surgical procedure;

an actuating unit attached to said handpiece and connected to said accessory for actuating the moveable head;

a tracking member attached to said handpiece that wirelessly exchanges signals with a surgical navigation system separate from said handpiece so that the surgical navigation system generates data indicating the position of said accessory;

a wireless receiver attached to said handpiece for receiving data from the surgical navigation system regarding the position of said accessory; and

a display attached to said handpiece for receiving from said receiver the data regarding the position of the said accessory, said display configured to, in response to receipt of the data, presents a viewable indication of the position of said accessory.

61. (New) The surgical tool of Claim 60, wherein said actuating unit is a power consuming device.

62. (New) The surgical tool of Claim 60, wherein said actuating unit is a motor.

63. (New) The surgical tool of Claim 60, wherein said tracking member emits signals to the surgical navigation unit.

64. (New) The surgical tool of Claim 60, wherein:
the surgical navigation unit, based on the signals exchanged with said tracking member, generates position data that includes data indicating the orientation of the accessory;
and

said display is configured to present position data that indicates the orientation of the accessory.

65. (New) The surgical tool of Claim 60, wherein:
said tracking member, said receiver and said display are contained in a unit that is separate from said handpiece; and
said tracking member, receiver and display unit is removably attachable to said handpiece.

66. (New) The surgical tool of Claim 60, wherein said actuating unit, said tracking member, said receiver and said display are configured to operate simultaneously so that, during actuation of said accessory, said display presents a viewable indication of the position of said accessory.

67. (New) The surgical tool of Claim 60,
wherein:

said actuating unit is an electrical energy power consuming device;

a battery is attached to said handpiece for energizing said actuating unit; and

said tracking member, said receiver are powered by a battery so that said handpiece, including said tracking member, said receiver and said display, is cordless.

68. (New) The surgical tool of Claim 60, further including a coupling assembly attached to said handpiece for releasably holding said accessory to said handpiece and releaseably coupling said accessory to said actuating unit.

69. (New) The surgical tool of Claim 60, wherein said accessory is one selected from the group consisting of: a drill bit; and a saw blade.

70. (New) The powered surgical tool of Claim 60, wherein:

the surgical navigation unit, based on the signals exchanged with said tracking member, generates data indicating the position of the accessory relative to a target location; and
said display, based on the received signal, is configured to present a symbolic indication of the position of the cutting accessory relative to the target location.

71. (New) A surgical tool, said tool comprising:
a handpiece;
an electrical power consuming actuator disposed in said handpiece;

an accessory that extends forward from said handpiece that is connected to and actuated by said actuator for accomplishing a surgical procedure;

a tracking member attached to said handpiece that wirelessly exchanges signals with a surgical navigation system separate from said handpiece so that the surgical navigation system generates data indicating the position of said accessory;

a wireless receiver attached to said handpiece for receiving data from the surgical navigation system regarding the position of said accessory; and

a display attached to said handpiece for receiving from said receiver the data regarding the position of the said accessory that, said display configured to, in response to receipt of the data, presents a viewable indication of the position of said accessory.

72. (New) The surgical tool of Claim 71, wherein said actuating unit is a motor.

73. (New) The surgical tool of Claim 71, wherein said tracking member emits light energy.

74. (New) The surgical tool of Claim 71, wherein: said tracking member, said receiver and said display are part of a unit that is separate from said handpiece; and said tracking member, receiver and display unit is removably attachable to said handpiece.

75. (New) The surgical tool of Claim 71, wherein said accessory is one selected from the group consisting of: a drill bit; and a saw blade.

76. (New) The surgical tool of Claim 71, wherein said actuating unit, said tracking member, said receiver, and said

display are configured to operate simultaneously so that, during actuation of said accessory, said display presents a viewable indication of the position of said accessory.

77. (New) The surgical tool of Claim 71,
wherein:

a battery is attached to said handpiece for energizing said actuating unit; and

said tracking member, said receiver and said display are powered by a battery so that said handpiece, including said tracking member, said receiver and said display, is cordless.

78. (New) The surgical tool of Claim 71, further including a coupling assembly attached to said handpiece for releasably holding said accessory to said handpiece and releaseably coupling said accessory to said actuating unit.

79. (New) The surgical tool of Claim 71, wherein:
the surgical navigation unit, based on the signals exchanged with said tracking member, generates position data that includes data indicating the orientation of the accessory;
and

said display is configured to present position data that indicates the orientation of the accessory.

80. (New) The powered surgical tool of Claim 71,
wherein:

the surgical navigation unit, based on the signals exchanged with said tracking member, generates data indicating the position of the accessory relative to a target location; and

said display is configured to present a symbolic indication of the position of the cutting accessory relative to the target location.

81. (New) A surgical tool, said tool comprising:
a handpiece having a distal end;
an accessory that extends forward from said handpiece distal end that has a head for application to surgical site;
a tracking member attached to said handpiece that wirelessly exchanges signals with a surgical navigation system separate from said handpiece so that the surgical navigation system generates data indicating the position of said accessory relative to a target location;
a wireless receiver attached to said handpiece for receiving data from the surgical navigation system regarding the position of said accessory relative to the target location; and
a display attached to said handpiece for receiving from said receiver the data regarding the position of the said accessory that, in response to receipt of the data, presents a symbolic indication of the position of said accessory relative to the target location.

82. (New) The surgical tool of Claim 81, wherein said display includes a plurality of individual light emitting elements and said display is configured to, in response to receipt of the data, selectively actuate less than all of said individual light emitting elements to produce the symbolic indication of the position of said accessory relative to the target location that is less than an image of the accessory relative to the target location.

83. (New) The surgical tool of Claim 81, wherein:
said accessory head is moveable for accomplishing a
surgical procedure; and
an actuating unit is attached to said handpiece and
connected to said accessory for actuating the moveable head.

84. (New) The surgical tool of Claim 81, wherein:
said accessory head is moveable for accomplishing a
surgical procedure;
a power consuming actuating unit is attached to said
handpiece and connected to said accessory for actuating the
moveable head; and
a battery is attached to said handpiece for energizing said
power consuming unit.

85. (New) The surgical tool of Claim 81, wherein said
tracking member emits energy that is detected by the surgical
navigation system.

86. (New) The surgical tool of Claim 81, wherein:
said tracking member, said receiver and said display are
part of a head unit that is separate from said handpiece; and
said tracking member, receiver and display unit is
removably attachable to said handpiece.

87. (New) The surgical tool of Claim 81, wherein:
said accessory head is moveable for accomplishing a
surgical procedure;
a power consuming actuating unit is attached to said
handpiece and connected to said accessory for actuating the
moveable head;

a battery is attached to said handpiece for energizing said power consuming unit; and

said tracking member, said receiver and said display are powered by a battery so that said handpiece, including said tracking member, said receiver and said display, is cordless.

88. (New) The surgical tool of Claim 81, wherein:
the surgical navigation unit, based on the signals exchanged with said tracking member, generates position data that includes data indicating the orientation of the accessory; and

said display is configured to present position data that indicates the orientation of the accessory.

89. (New) A surgical tool, said tool comprising:
a handpiece;
an accessory that extends forward from said handpiece that is actuated to accomplishing a surgical procedure;

an electrical power consuming actuator disposed in said handpiece and connected to said accessory for actuating said accessory;

a tracking member attached to said handpiece that wirelessly exchanges signals with a surgical navigation system separate from said handpiece so that the surgical navigation system generates data indicating the position of said accessory relative to a target location;

a wireless receiver attached to said handpiece for receiving data from the surgical navigation system regarding the position of said accessory relative to the target location; and

a display attached to said handpiece for receiving from said receiver the data regarding the position of the said

accessory that, said display configured to, in response to receipt of the data, presents a symbolic indication of the position of said accessory relative to the target location that is less than an image of the target location.

90. (New) The surgical tool of Claim 89, wherein said display includes a plurality of individual light emitting elements and said display is configured to, in response to receipt of the data, selectively actuate less than all of said individual light emitting elements to produce the symbolic indication of the position of said accessory relative to the target location.

91. (New) The surgical tool of Claim 89, wherein said actuating unit is a motor.

92. (New) The surgical tool of Claim 89, wherein said tracking member emits signals to the surgical navigation unit.

93. (New) The surgical tool of Claim 89, wherein said tracking member emits light energy.

94. (New) The surgical tool of Claim 89, wherein:
said tracking member, said receiver said display are part of a unit that is separate from said handpiece; and
said tracking member, receiver and display unit is removably attachable to said handpiece.

95. (New) The surgical tool of Claim 89, wherein said actuating unit, said tracking member, said receiver and said display are configured to operate simultaneously so that, during

actuation of said accessory, said display presents the symbolic indication of the position of said accessory relative to the target location.

96. (New) The surgical tool of Claim 89,
wherein:

said actuating unit is an electrical energy power consuming device;

a battery is attached to said handpiece for energizing said actuating unit; and

said tracking member, said receiver and said display are powered by a battery so that said handpiece, including said tracking member, said receiver and said display, are cordless.

97. (New) The surgical tool of Claim 89, further including a coupling assembly attached to said handpiece for releasably holding said accessory to said handpiece and releaseably coupling said accessory to said actuating unit.

98. (New) The surgical tool of Claim 89, wherein said accessory is one selected from the group consisting of: a drill bit and a saw blade.

99. (New) The surgical tool of Claim 89, wherein:
the surgical navigation unit, based on the signals exchanged with said tracking member, generates position data that indicates the extent the orientation of the accessory corresponds to a target orientation; and

said display is configured to present position data that indicates the orientation of the accessory corresponds to the target orientation.